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RI27 J CNG Reducer

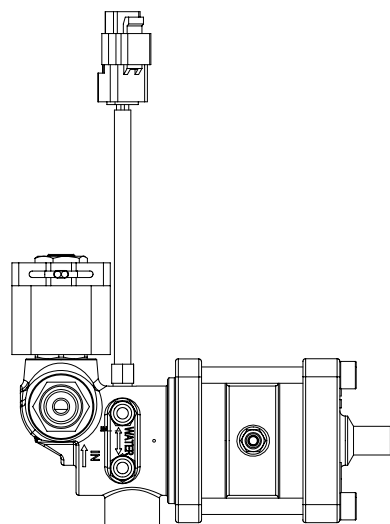
- Engine Maximum Power: 300 KW (407 HP)
- Compact design and high performance
- For Sequential Injection Systems**
- Customizable working pressure upon request



GENERAL INFORMATION	RI27J	RI27J V
APPLICATION	For Engines up to 300 KW (407 HP)	For Engines up to 300 KW (407 HP)
TYPE	2 Reducing Stages Reducer	2 Reducing Stages Reducer
MATERIAL	Brass	Brass

TECHNICAL DATA SHEET

Description	Value	
MAX WORKING PRESSURE	260 bar (3771 PSI)	260 bar (3771 PSI)
1st STAGE PRESSURE	10 - 14 Bar (145 - 203 PSI)	10 - 14 Bar (145 - 203 PSI)
2nd STAGE PRESSURE	2 Bar (29 PSI) non adjustable	1 Bar (14,5 PSI)
MAX FLOW RATE	50 m³/h (1765.7 ft³/h)	30 m³/h (1059 ft³/h)
GAS INLET	M12 x 1 x Pipe 6 mm Ø Brass	7/16-20 UNF x Pipe 6mm Ø Steel
GAS OUTLET	10 mm Ø Brass	16 mm Ø Brass
WATER UNIONS	N° 2 x 8 mm Ø Brass	N° 2 x 8 mm Ø Brass
BLOCKING HOLE	M10 X 1,5 mm Ø	M10 X 1,5 mm Ø
WORKING TEMPERATURE	-40 ° ÷ +120°C (-40 °F ÷ +248 °F)	-40 ° ÷ +120°C (-40 °F ÷ +248 °F)
SHUT-OFF VALVE	12V - 16 W	12V - 16 W
DIMENSIONS	112 x 80 x 115 mm (4 7/16" x 3 1/8" x 4 1/2")	112 x 80 x 115 mm (4 7/16" x 3 1/8" x 4 1/2")
WEIGHT	1.5 Kg (3.3 lbs)	1.5 Kg (3.3 lbs)





RI27 J Heavy Duty CNG Reducer

- Engine Maximum Power: 300 KW (407 HP)
- Compact design and high performance
- **For Sequential Injection Systems**
- Customizable working pressure upon request

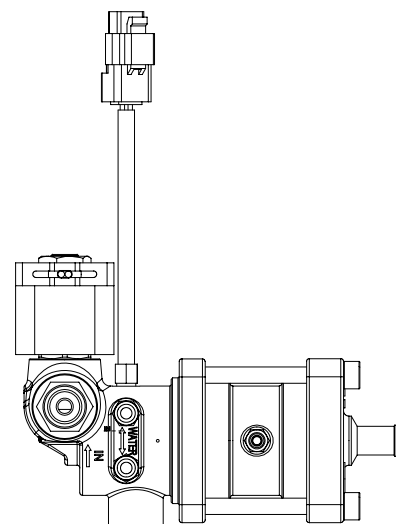


GENERAL INFORMATION

APPLICATION	For Engines up to 300 KW (407 HP)
TYPE	2 Reducing Stages Reducer
MATERIAL	Brass

TECHNICAL DATA SHEET

Description	Value
MAX WORKING PRESSURE	260 bar (3771 PSI)
1st STAGE PRESSURE	10 - 14 Bar (145 - 203 PSI)
2nd STAGE PRESSURE	2.8 Bar (40,6 PSI) non adjustable
MAX FLOW RATE	80 m³/h (2825 ft³/h)
GAS INLET	M14 x 1 x Pipe 8 mm Ø Iron
GAS OUTLET	16 mm Ø Brass
WATER UNIONS	N° 2 x 8 mm Ø Brass
BLOCKING HOLE	M10 X 1,5 mm Ø
WORKING TEMPERATURE	-40 ° ÷ +120°C (-40 °F ÷ +248 °F)
SHUT-OFF VALVE	12V - 16 W
DIMENSIONS	112 x 80 x 115 mm (4 7/16" x 3 1/8" x 4 1/2")
WEIGHT	1.5 Kg (3.3 lbs)



RI27 CNG Reducer

- Engine Maximum Power: 200 KW (268 HP)
- Compact design and high performance
- High pressure reducer for OEM applications
- **For Sequential Injection Systems**

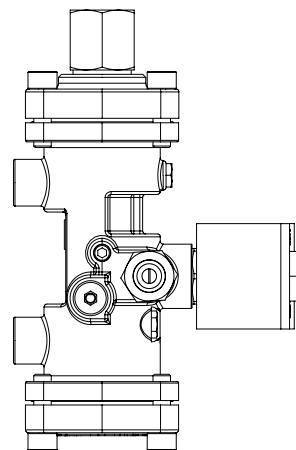


GENERAL INFORMATION

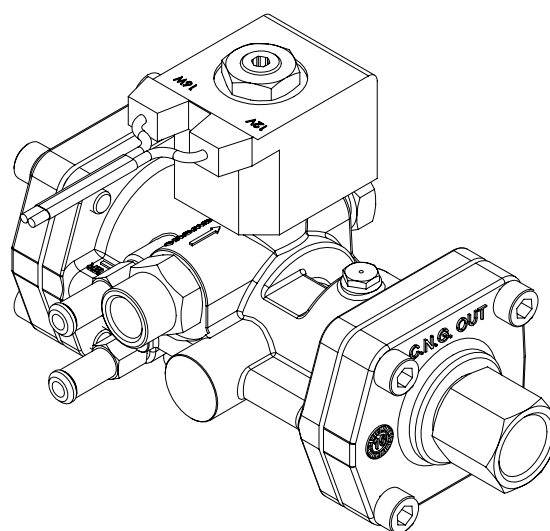
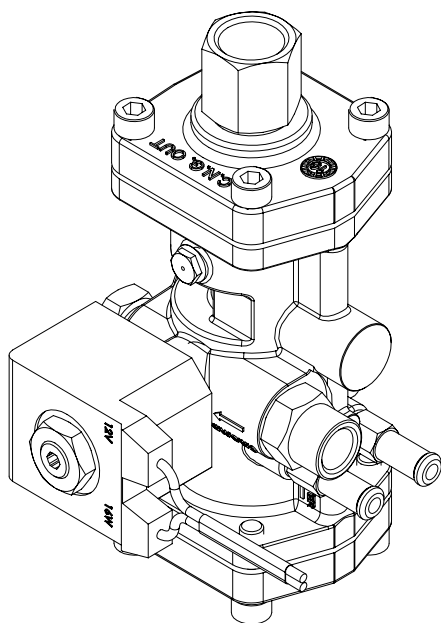
APPLICATION	For OEM up to 200 KW (268 HP)
TYPE	2 Reducing Stages Reducer
MATERIAL	Brass

TECHNICAL DATA SHEET

Description	Value
MAX WORKING PRESSURE	260 bar (3771 PSI)
1st STAGE PRESSURE	10 - 14 Bar (145 - 203 PSI)
MAX FLOW RATE	40 m³/h (1412.5 ft³/h)
WATER UNIONS	N° 2 x 8 mm Ø Brass
	RI27C3: N° 2 x 10 mm Ø Brass
BLOCKING HOLE	2X M6 X 1 mm Ø
WORKING TEMPERATURE	-40 ° ÷ +120°C (-40 °F ÷ +248 °F)
SHUT-OFF VALVE	12V - 16 W
DIMENSIONS	185 x 98 x 755 mm (4 7/16" x 3 1/8" x 4 1/2")
WEIGHT	1.9 Kg (4.19 lbs)



CNG Reducers



MODEL	2ND STAGE PRESSURE non adjustable	GAS INLET	GAS OUTLET	PRESSURE SENSOR
RI27-MT	9 ± 0,5 Bar (130.5 ± 7,2 PSI)	M12X1 mm female Pipe 6 mm Ø	M18 x 1,5 mm Ø female	3/8-24 UNF 2B female
RI27-MT1	7 ± 0,5 Bar (101.5 ± 7,2 PSI)	M12X1,5 mm male Pipe 6 mm Ø	M18 x 1,5 mm Ø female	3/8-24 UNF 2B female
RI27-Z	9 ± 0,5 Bar (130.5 ± 7,2 PSI)	7/16-20 UNF 2B male Pipe 6 mm Ø	M16 x 1,5 mm male Pipe 10 mm Ø	3/8-24 UNF 2B female
RI27-ZC	9 ± 0,5 Bar (130.5 ± 7,2 PSI)	7/16-20 UNF 2B male Pipe 6 mm Ø	7/16-20 UNF 2B Pipe 6 mm Ø male	3/8-24 UNF 2B female
RI27-W	7 ± 0,5 Bar (101.5 ± 7,2 PSI)	7/16-20 UNF 2B male Pipe 6 mm Ø	1/2 - 20 UNF2B Pipe 8 mm Ø male	M10 X 1 mm female
RI27-C3	2 ± 0,5 Bar (29 ± 7,2 PSI)	7/16-20 UNF 2B male Pipe 6 mm Ø	Pipe 16 mm Ø male	-
RI27-ME	8 ± 0,5 Bar (116 ± 7,2 PSI)	7/16-20 UNF 2B male Pipe 6 mm Ø	M16 x 1,5 mm male Pipe 10 mm	3/8-24 UNF 2B female
RI27-IV260	9 ± 0,5 Bar (130.5 ± 7,2 PSI)	5/8-20 UN 2B male Pipe 10 mm Ø	M18 x 1,5 mm diam female	UNI-ISO 228 G1/4 female



M91 CNG Reducer

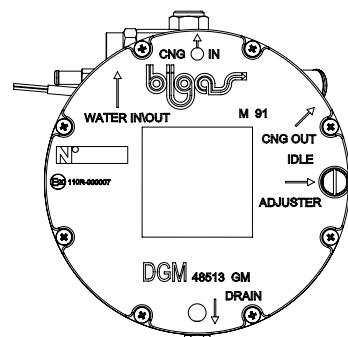
- Engine Maximum Power: 100 KW (134 HP)
- High performance
- Suitable for 6/8 Cylinders vehicles
- For Systems with Carburetor and Mixer



GENERAL INFORMATION	M91	M91 M	M91 TURBO
APPLICATION	For Engines up to 100 KW (134 HP)	For Engines up to 140 KW (187 HP)	For Engines up to 140 KW (187 HP)
TYPE	3 Reducing Stages Reducer	3 Reducing Stages Reducer	3 Reducing Stages Reducer, Equilized
MATERIAL	Aluminium	Aluminium	Aluminium

TECHNICAL DATA SHEET

Description	Value		
MAX WORKING PRESSURE	260 bar (3771 PSI)	260 bar (3771 PSI)	260 bar (3771 PSI)
1st STAGE PRESSURE	4,5 - 7,5 Bar (65,2 - 108,7 PSI)	4,5 - 7,5 Bar (65,2 - 108,7 PSI)	4,5 - 7,5 Bar (65,2 - 108,7 PSI)
2nd STAGE PRESSURE	1 - 1,2 Bar (14,5 - 17,4 PSI) non adjustable	1,4 ± 1,6 Bar (20,3 ± 23,2 PSI) non adjustable	1,4 ± 1,6 Bar (20,3 ± 23,2 PSI) non adjustable
MAX FLOW RATE	16 m³/h (635.6 ft³/h)	20 m³/h (706,2 ft³/h)	20 m³/h (706,2 ft³/h)
GAS INLET	M12 x 1 x Pipe 6 mm Ø Brass	M12 x 1 x Pipe 6 mm Ø Brass	M12 x 1 x Pipe 6 mm Ø Brass
GAS OUTLET	18 mm Ø Glass Fibered Nylon	18 mm Ø Glass Fibered Nylon	18 mm Ø Glass Fibered Nylon
WATER UNIONS	N° 2 x 8 mm Ø Brass	N° 2 x 8 mm Ø Brass	N° 2 x 8 mm Ø Brass
EQUILIBRIUM UNION	/	/	12 mm Ø Brass
BLOCKING HOLE	N° 2 x M8 x 1,25 mm	N° 2 x M8 x 1,25 mm	N° 2 x M8 x 1,25 mm
WORKING TEMPERATURE	-20 °C ÷ +120°C (-4 °F ÷ +248 °F)	20 °C ÷ +120°C (-4 °F ÷ +248 °F)	20 °C ÷ +120°C (-4 °F ÷ +248 °F)
SHUT-OFF VALVE	12V - 13 W	12V - 13 W	12V - 13 W
DIMENSIONS	Ø180 x 95 mm (Ø 7 1/16" x 3 3/4")	Ø180 x 95 mm (Ø 7 1/16" x 3 3/4")	Ø180 x 120 mm (Ø 7 1/16" x 4 3/4")
WEIGHT	2 Kg (4,4 lbs)	2 Kg (4,4 lbs)	2,1 Kg (4,4 lbs)





M91 Double Heavy Duty CNG Reducer

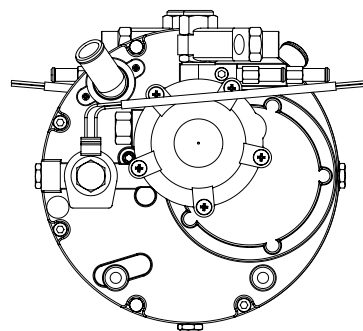
- Engine Maximum Power: 280 KW (375 HP)
- High performance
- Suitable for 6/8 Cylinders vehicles
- For Systems with Carburetor and Mixer



GENERAL INFORMATION	M91 DOUBLE	M91 DOUBLE TURBO
APPLICATION	For Engines up to 280 KW (375 HP)	For Engines up to 280 KW (375 HP)
TYPE	3 Reducing Stages Reducer	3 Reducing Stages Reducer, Equilized
MATERIAL	Aluminium	Aluminium

TECHNICAL DATA SHEET

Description	Value	
MAX WORKING PRESSURE	260 bar (3771 PSI)	260 bar (3771 PSI)
1st STAGE PRESSURE	4,5 - 7,5 Bar (65,2 - 108,7 PSI)	4,5 - 7,5 Bar (65,2 - 108,7 PSI)
2nd STAGE PRESSURE	1,4 ± 1,6 Bar (20,3 ± 23,2 PSI) non adjustable	1,4 ± 1,6 Bar (20,3 ± 23,2 PSI) non adjustable
MAX FLOW RATE	40 m³/h (1412,5 ft³/h)	40 m³/h (1412,5 ft³/h)
GAS INLET	N° 2 x M12 x 1 x Pipe 6 mm Ø Brass	N° 2 x M12 x 1 x Pipe 6 mm Ø Brass
GAS OUTLET	N° 2 x 18 mm Ø Glass Fibered Nylon	N° 2 x 18 mm Ø Glass Fibered Nylon
WATER UNIONS	N° 4 x 8 mm Ø Brass	N° 4 x 8 mm Ø Brass
EQUILIBRIUM UNION	/	12 mm Ø Brass
BLOCKING HOLE	N° 4 x M8 x 1,25 mm	N° 4 x M8 x 1,25 mm
WORKING TEMPERATURE	-20 °C ÷ +120°C (-4 °F ÷ +248 °F)	20 °C ÷ +120°C (-4 °F ÷ +248 °F)
SHUT-OFF VALVE	N° 2 x 12V - 13 W	N° 2 x 12V - 13 W
DIMENSIONS	Ø180 x 200 mm (Ø 7 1/16" x 7 7/8")	Ø180 x 200 mm (Ø 7 1/16" x 7 7/8")
WEIGHT	3,5 Kg (7,72 lbs)	3,6 Kg (7,94lbs)



M96 CNG Reducer

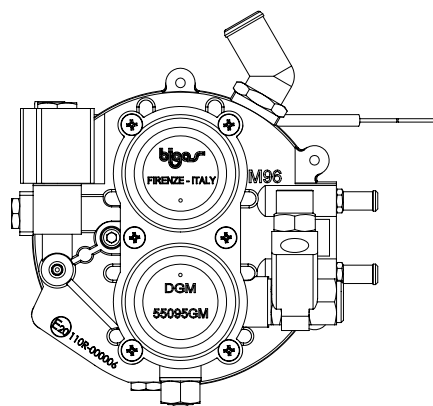
- Engine Maximum Power: 100 KW (134 HP)
- Compact design and high performance
- For Systems with Carburetor and Mixer



GENERAL INFORMATION	M96	M96 TURBO
APPLICATION	For Engines up to 100 KW (134 HP)	For Engines up to 100 KW (134 HP)
TYPE	3 Reducing Stages Reducer	3 Reducing Stages Reducer, Equilized
MATERIAL	Aluminium	Aluminium

TECHNICAL DATA SHEET

Description	Value	
MAX WORKING PRESSURE	260 bar (3771 PSI)	260 bar (3771 PSI)
1st STAGE PRESSURE	1,5 - 3,5 Bar (21,7 - 50,7 PSI)	1,5 - 3,5 Bar (21,7 - 50,7 PSI)
2nd STAGE PRESSURE	1 Bar (14,5 PSI) non adjustable	1,4 - 1,6 Bar (20,3 - 23,2 PSI)
MAX FLOW RATE	15 m³/h (529.7 ft³/h)	15 m³/h (529.7 ft³/h)
GAS INLET	M12 x 1 x Pipe 6 mm Ø Brass	M12 x 1 x Pipe 6 mm Ø Brass
GAS OUTLET	18 mm Ø Glass Fibered Nylon	18 mm Ø Glass Fibered Nylon
WATER UNIONS	N° 2 x 8 mm Ø Brass	N° 2 x 8 mm Ø Brass
EQUILIBRIUM UNION	/	8 mm Ø Brass
BLOCKING HOLE	M10 X 1,5 mm Ø	M10 X 1,5 mm Ø
WORKING TEMPERATURE	-40 °C ÷ +120°C (-40 °F ÷ +248 °F)	-20 °C ÷ +120°C (-4 °F ÷ +248 °F)
SHUT-OFF VALVE	12V - 13 W	12V - 13 W
DIMENSIONS	160 x 147 x 86 mm (63" x 57 7/8" x 33 7/8")	160 x 147 x 86 mm (63" x 57 7/8" x 33 7/8")
WEIGHT	1,7 Kg (3,75 lbs)	1,7 Kg (3,75 lbs)





M96 E CNG Reducer

- Engine Maximum Power: 100 KW (134 HP)
- Compact design and high performance
- For Systems with Carburetor and Mixer

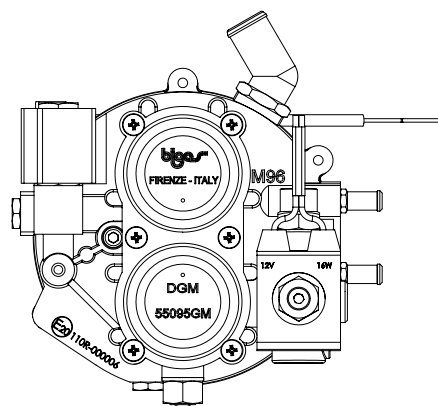


GENERAL INFORMATION






APPLICATION	For Engines up to 100 KW (134 HP)
TYPE	3 Reducing Stages Reducer
MATERIAL	Aluminium

TECHNICAL DATA SHEET

Description	Value
MAX WORKING PRESSURE	260 bar (3771 PSI)
1st STAGE PRESSURE	1,5 - 3,5 Bar (21.7 - 50,7 PSI)
2nd STAGE PRESSURE	1 Bar (14,5 PSI) non adjustable
MAX FLOW RATE	15 m³/h (529.7 ft³/h)
GAS INLET	M12 x 1 x Pipe 6 mm Ø Brass
GAS OUTLET	18 mm Ø Glass Fibered Nylon
WATER UNIONS	N° 2 x 8 mm Ø Brass
BLOCKING HOLE	M10 X 1,5 mm Ø
WORKING TEMPERATURE	-20 °C ÷ +120°C (-4 °F ÷ +248 °F)
SHUT-OFF VALVE	12V - 13 W
HIGH PRESSURE SHUT-OFF VALVE	12V - 16 W
DIMENSIONS	160 x 147 x 86 mm (63" x 57 7/8" x 33 7/8")
WEIGHT	1,7 Kg (3,75 lbs)



CNG Conversion KITS: Sequential Injection Systems

FRONT KIT COMPOSITION *		CNG COMPLETE KIT
CNG REDUCER		
	BRACKET KIT	
	SOLENOID VALVE	
RAIL INJECTORS		
	BRACKET KIT	
	GAS NOZZLE KIT	
	SILENT BLOCK	
ECU		
	SWITCH	
	MAP	
	HARNESS	
	ACCESSORIES	
FILTER		
CNG PIPES		
WATER PIPE		
INSTRUCTION, INSTALLATION AND MANTAINANCE MANUALS		
CERTIFICATES		
OPTIONAL COMPONENTS **		
CYLINDER VALVE		
FILLING VALVE		
PRESSURE SENSOR		

* Configuration example up to 300 KW, 4 Cylinders: RI27J, EasyGas 48, DI21F

** For further information on the complete product range please see the Automotive LPG & CNG Equipment Catalogue



Configurations

CYLINDERS	RI27J
	UP TO 300 KW
3	EASY GAS 32 EASY GAS 48 S-GIS N S-GIS MP48
4	EASY GAS 32 EASY GAS 48 S-GIS N S-GIS MP48
4 BOXER	EASY GAS 48 S-GIS N S-GIS MP48
5	EASY GAS S-GIS
6	EASY GAS S-GIS
6V	EASY GAS S-GIS
8V	EASY GAS S-GIS

DI21F Heated Rail Injector version available for every configuration
Copper or Steel pipes available for every configuration